

CLAIMS

What is claimed is:

- 1 1. A computer/software system for managing telecommunication
2 network elements, comprising:
3 one or more operator-driven processes which monitor and manage
4 network elements in real time, using at least one telecommu-
5 nications network control channel;
6 a database which reports attributes of ones of said network elements
7 in response to queries from ones of said operator-driven
8 processes; and
9 one or more background processes
10 which monitor communications over said control channel and
11 which parse all communications which imply network element
12 status changes and
13 which dynamically update said database accordingly, in real
14 time.
15
- 1 2. The system of Claim 1, wherein information from said database is
2 dynamically linked into said operator-driven processes, so that
3 said background processes dynamically update said operator-
4 driven processes whenever a change is made to any element to
5 which an operator-driven process is making read access.
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